

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

11/18/99  
JC675 U.S. PTO  
66/39 U.S. PTO

Applicant: Ryuichi KATAYAMA  
 Title: OPTICAL HEAD APPARATUS  
 Appl. No.: Unassigned  
 Filing Date: November 18, 1999  
 Examiner: Unassigned  
 Art Unit: Unassigned

JC675 U.S. PTO  
09/442773  
11/18/99  
Barcode

**UTILITY PATENT APPLICATION  
TRANSMITTAL**

Assistant Commissioner for Patents  
 Box PATENT APPLICATION  
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Ryuichi KATAYAMA

Enclosed are:

- Specification, Claim(s), and Abstract (45 pages).
- Informal drawings (12 sheets, Figures 1-24).
- Declaration and Power of Attorney (2 pages).
- Assignment of the invention to NEC CORPORATION.
- Assignment Recordation Cover Sheet.
- Small Entity statement.
- Information Disclosure Statement.
- Form PTO-1449 with copies of \_\_\_ listed reference(s).

The filing fee is calculated below:

Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fee Totals

Basic Fee		\$760.00	\$760.00
Total Claims: <u>15</u>	-	<u>20</u>	= <u>0</u>
Independents: <u>1</u>	-	<u>3</u>	= <u>0</u>
If any Multiple Dependent Claim(s) present:			
Assignment Recordation Fee			
0.00			
SUBTOTAL: = <u>\$800.00</u>			
[ ] Small Entity Fees Apply (subtract 1/2 of above): = <u>\$0.00</u>			
TOTAL FILING FEE: = <u>\$800.00</u>			

A check in the amount of \$800.00 to cover the filing fee is enclosed.

The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

The Assistant Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Assistant Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date: November 18, 1999

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